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☐ 1. Document ID: US 20090079432 A1

L32: Entry 1 of 19

File: PGPB

Mar 26, 2009

PGPUB-DOCUMENT-NUMBER: 20090079432

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20090079432 A1

TITLE: TRANSCIEVE SURFACE COIL ARRAY FOR MAGNETIC RESONANCE IMAGING AND SPECTROSCOPY

PUBLICATION-DATE: March 26, 2009

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinkerton; Robert G.	Harrowsmith		CA
Menon; Ravi S.	London		CA

APPL-NO: 12/325714 [PALM] [eDan] [US Family]

DATE FILED: December 1, 2008

US-CL-CURRENT: 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 2. Document ID: US 20080278166 A1

L32: Entry 2 of 19

File: PGPB

Nov 13, 2008

PGPUB-DOCUMENT-NUMBER: 20080278166
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20080278166 A1

TITLE: Superconducting Loop, Saddle and Birdcage Mri Coils

PUBLICATION-DATE: November 13, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wosik; Jaroslaw	Houston	TX	US
Nesteruk; Krzysztof	Warsaw	TX	PL
Xie; Lei Ming P	Houston		US

APPL-NO: 10/583625 [PALM] [eDan] [US Family]
DATE FILED: May 20, 2005

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 3. Document ID: US 20060158188 A1

L32: Entry 3 of 19

File: PGPB

Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060158188
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060158188 A1

TITLE: NMR RF coils with improved low-frequency efficiency

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hudson; Alexander MJ	San Francisco	CA	US
Mehr; Knut G.	San Francisco	CA	US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]
DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/303, 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 4. Document ID: US 20050275403 A1

L32: Entry 4 of 19

File: PGPB

Dec 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050275403
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050275403 A1

TITLE: Transceive surface coil array for magnetic resonance imaging and spectroscopy

PUBLICATION-DATE: December 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinkerton, Robert G.	Harrowsmith		CA
Menon, Ravi S.	London		CA

APPL-NO: 11/085800 [PALM] [eDan] [US Family]
DATE FILED: March 21, 2005

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 5. Document ID: US 20040251902 A1

L32: Entry 5 of 19

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040251902

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040251902 A1

TITLE: Nuclear magnetic resonance equipment

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takagi, Kazumasa	London		GB
Saitoh, Kazuo	Kodaira		JP
Ochi, Hisaaki	Kodaira		JP
Morita, Hiroshi	Mito		JP
Kiryu, Masae	Hitachi		JP
Okada, Michiya	Mito		JP

APPL-NO: 10/852254 [PALM] [eDan] [US Family]

DATE FILED: May 25, 2004

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Dram Desc	Image

☐ 6. Document ID: US 20040189304 A1

L32: Entry 6 of 19

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040189304

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040189304 A1

TITLE: NMR PROBE HAVING AN INNER QUADRATURE DETECTION COIL COMBINED WITH
A SPIRAL WOUND OUTER COIL FOR IRRADIATION

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Anderson, Weston	Palo Alto	CA	US
Wong, Wai Ha	San Jose	CA	US
Finnigan, James	Santa Clara	CA	US

APPL-NO: 10/403064 [PALM] [eDan] [US Family]

DATE FILED: March 31, 2003

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 7. Document ID: US 20040032262 A1

L32: Entry 7 of 19

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive
elements

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US
Nast, Robert E.	Saratoga	CA	US

APPL-NO: 10/424687 [PALM] [eDan] [US Family]
DATE FILED: April 28, 2003

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 8. Document ID: US 20030052682 A1

L32: Entry 8 of 19

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard	Sunnyvale	CA	US

APPL-NO: 09/803199 [PALM] [eDan] [US Family]
DATE FILED: March 9, 2001

US-CL-CURRENT: 324/322; 324/248

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 9. Document ID: US 7132829 B2

L32: Entry 9 of 19

File: USPT

Nov 7, 2006

US-PAT-NO: 7132829
DOCUMENT-IDENTIFIER: US 7132829 B2

TITLE: NMR RF coils with improved low-frequency efficiency

DATE-ISSUED: November 7, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060158188 A1

July 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hudson; Alexander M J	San Francisco	CA		US
Mehr; Knut G.	San Francisco	CA		US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/307, 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 10. Document ID: US 7064549 B1

L32: Entry 10 of 19

File: USPT

Jun 20, 2006

US-PAT-NO: 7064549

DOCUMENT-IDENTIFIER: US 7064549 B1

TITLE: NMR RF coils with split movable capacitance bands

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hudson; Alexander M J	San Francisco	CA		US

APPL-NO: 11/037605 [PALM] [eDan] [US Family]
DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 11. Document ID: US 6958608 B2

L32: Entry 11 of 19

File: USPT

Oct 25, 2005

US-PAT-NO: 6958608
DOCUMENT-IDENTIFIER: US 6958608 B2

TITLE: Nuclear magnetic resonance equipment

DATE-ISSUED: October 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takagi; Kazumasa	London			GB
Saitoh; Kazuo	Kodaira			JP
Ochi; Hisaaki	Kodaira			JP
Morita; Hiroshi	Mito			JP
Kiryu; Masae	Hitachi			JP
Okada; Michiya	Mito			JP

APPL-NO: 10/852254 [PALM] [eDan] [US Family]
DATE FILED: May 25, 2004

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 12. Document ID: US 6876200 B2

L32: Entry 12 of 19

File: USPT

Apr 5, 2005

US-PAT-NO: 6876200

DOCUMENT-IDENTIFIER: US 6876200 B2

TITLE: NMR probe having an inner quadrature detection coil combined with a spiral wound outer coil for irradiation

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Weston	Palo Alto	CA		
Wong; Wai Ha	San Jose	CA		
Finnigan; James	Santa Clara	CA		

APPL-NO: 10/403064 [PALM] [eDan] [US Family]

DATE FILED: March 31, 2003

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 13. Document ID: US 6842004 B2

L32: Entry 13 of 19

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Nast; Robert E.	Saratoga	CA		

APPL-NO: 10/424687 [PALM] [eDan] [US Family]

DATE FILED: April 28, 2003

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 14. Document ID: US 6556013 B2

L32: Entry 14 of 19

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		

APPL-NO: 09/803199 [PALM] [eDan] [US Family]

DATE FILED: March 9, 2001

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 15. Document ID: US 6285189 B1

L32: Entry 15 of 19

File: USPT

Sep 4, 2001

US-PAT-NO: 6285189

DOCUMENT-IDENTIFIER: US 6285189 B1

TITLE: Millipede coils

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Wong; Wai Ha	San Jose	CA		
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APPL-NO: 09/390066 [PALM] [eDan] [US Family]

DATE FILED: September 4, 1999

US-CL-CURRENT: 324/318; 324/321, 335/299, 600/422

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 16. Document ID: US 6236206 B1

L32: Entry 16 of 19

File: USPT

May 22, 2001

US-PAT-NO: 6236206

DOCUMENT-IDENTIFIER: US 6236206 B1

TITLE: Globally tunable birdcage coil and method for using same

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hartman; Spencer C.	Millbrae	CA		
Wong; Wai Ha	San Jose	CA		

APPL-NO: 09/298619 [PALM] [eDan] [US Family]

DATE FILED: April 23, 1999

US-CL-CURRENT: 324/318; 324/300, 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 17. Document ID: US 5917324 A

L32: Entry 17 of 19

File: USPT

Jun 29, 1999

US-PAT-NO: 5917324

DOCUMENT-IDENTIFIER: US 5917324 A

TITLE: MR apparatus provided with a cylindrical coil system and a surface coil system

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leussler; Christoph G.	Hamburg			DE

APPL-NO: 08/842290 [PALM] [eDan] [US Family]

DATE FILED: April 23, 1997

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 18. Document ID: US 5581186 A

L32: Entry 18 of 19

File: USPT

Dec 3, 1996

US-PAT-NO: 5581186

DOCUMENT-IDENTIFIER: US 5581186 A

TITLE: Bird cage resonator for high resolution nuclear magnetic resonance

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Keller; Tony	Rheinstetten			DE

APPL-NO: 08/402539 [PALM] [eDan] [US Family]

DATE FILED: March 10, 1995

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 19. Document ID: US 5329233 A

L32: Entry 19 of 19

File: USPT

Jul 12, 1994

US-PAT-NO: 5329233

DOCUMENT-IDENTIFIER: US 5329233 A

TITLE: Cylindrical local coil for nuclear magnetic resonance imaging

DATE-ISSUED: July 12, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Hayes; Cecil E.

Seattle

WA

APPL-NO: 07/988542 [PALM] [eDan] [US Family]

DATE FILED: December 10, 1992

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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Term	Documents
CAPACIT\$4	0
CAPACIT	8025
CAPACITA	1521
CAPACITAA	1
CAPACITAACA	1
CAPACITAACC	1
CAPACITAACE	10
CAPACITAAI	1
CAPACITABCE	1
CAPACITABEE	1
CAPACITABLE	1
(L31 and ((capacit\$4 or capacitan\$3) with (overlap\$4 or overlap\$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	19

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